



#2091
7.12.83

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Attn: **BOX RCE**
Mitsuaki OSHIMA et al. : Docket No. 2000_1328
Serial No. 09/672,946 : Group Art Unit 2634
Filed September 29, 2000 : Examiner A. Le
COMMUNICATION SYSTEM : **Confirmation No. 7022**

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

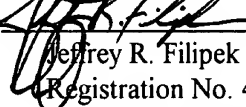
THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

Submitted herewith are 13 sheets of formal (8½ x 11) drawings (Figs. 2, 10, 17, 29, 48, 65, 67, 93, 112, 131, 138, 144, and 169) incorporating the changes included in the Letter Re Proposed Drawing Amendments filed concurrently herewith.

Respectfully submitted,

Mitsuaki OSHIMA et al.

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August 27, 2003

FIG. 2 (Amended)

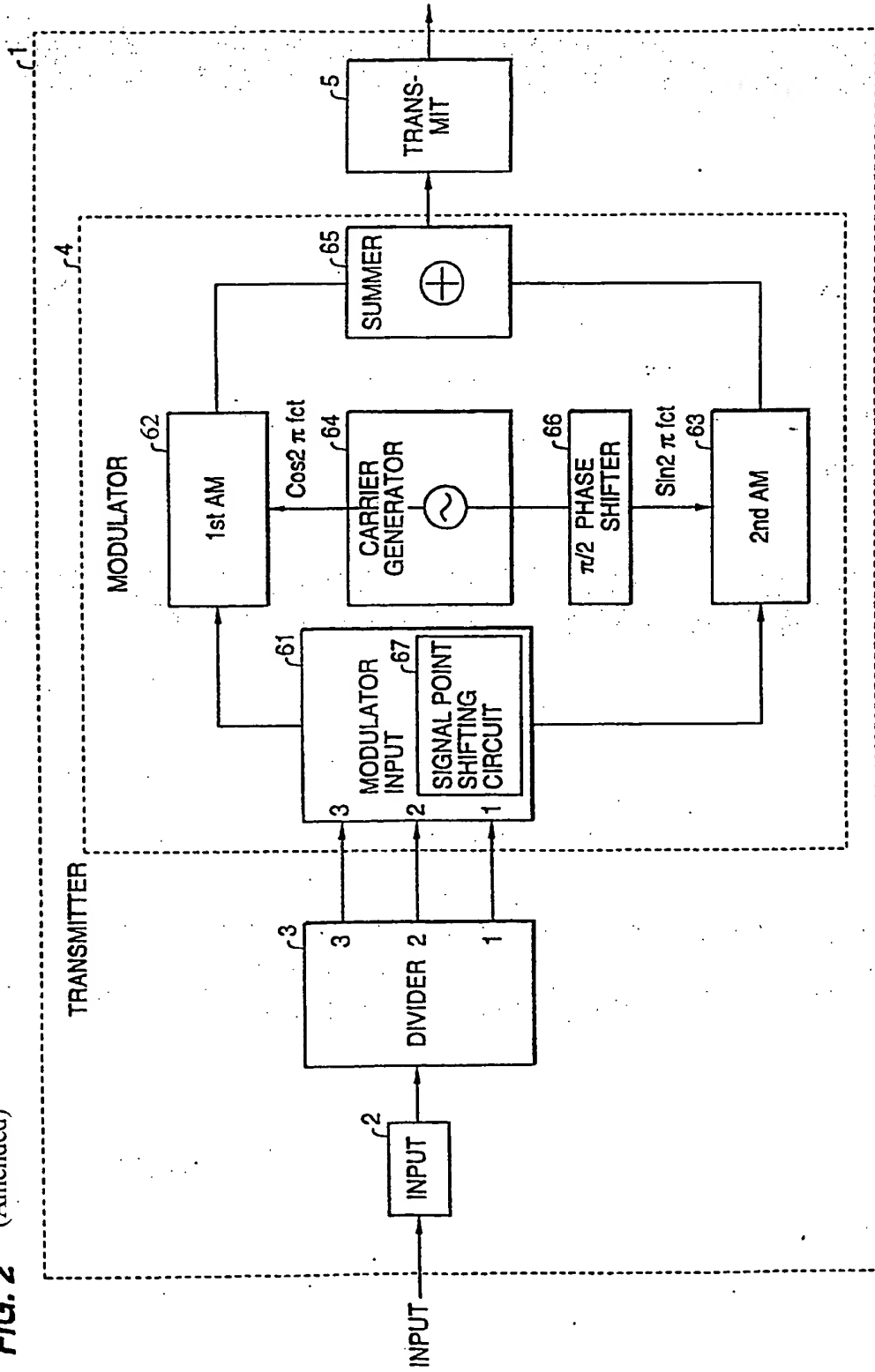




FIG. 10 (Amended)

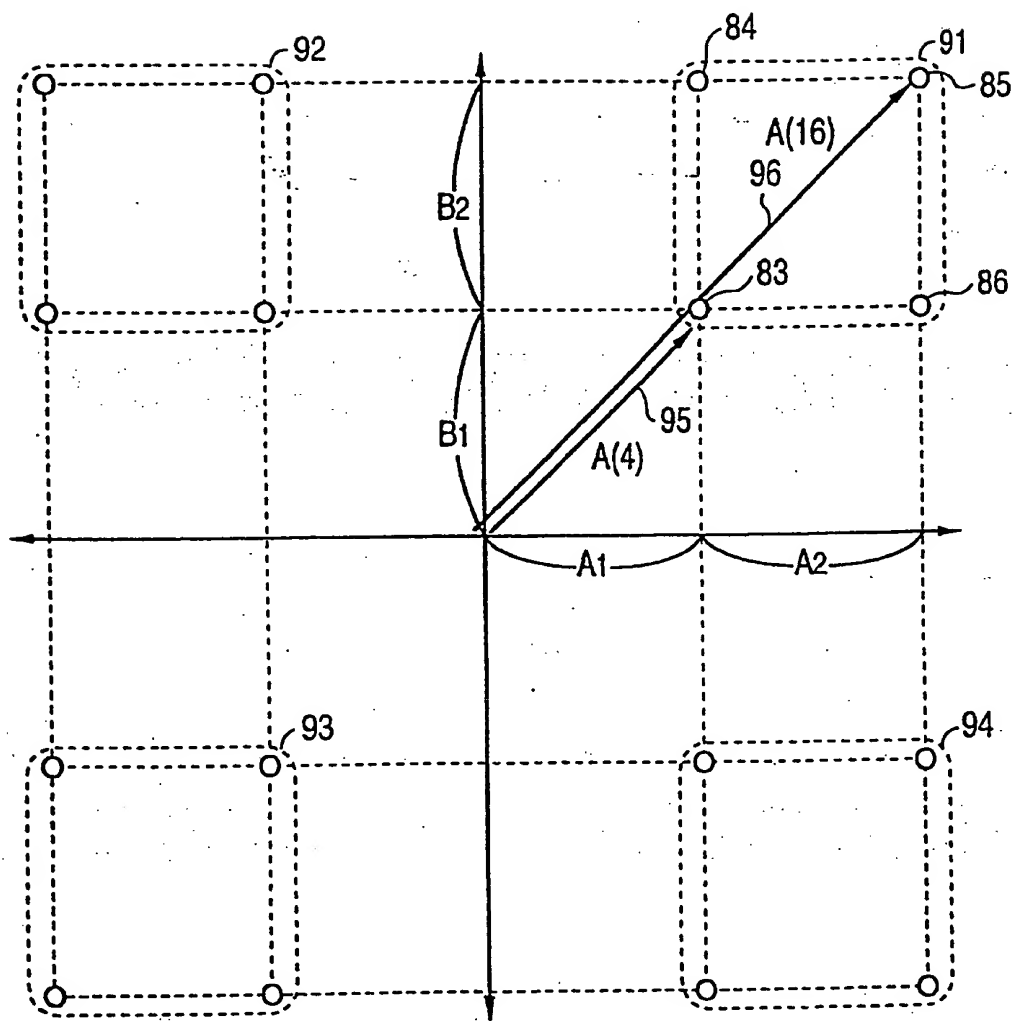




FIG. 17 (Amended)

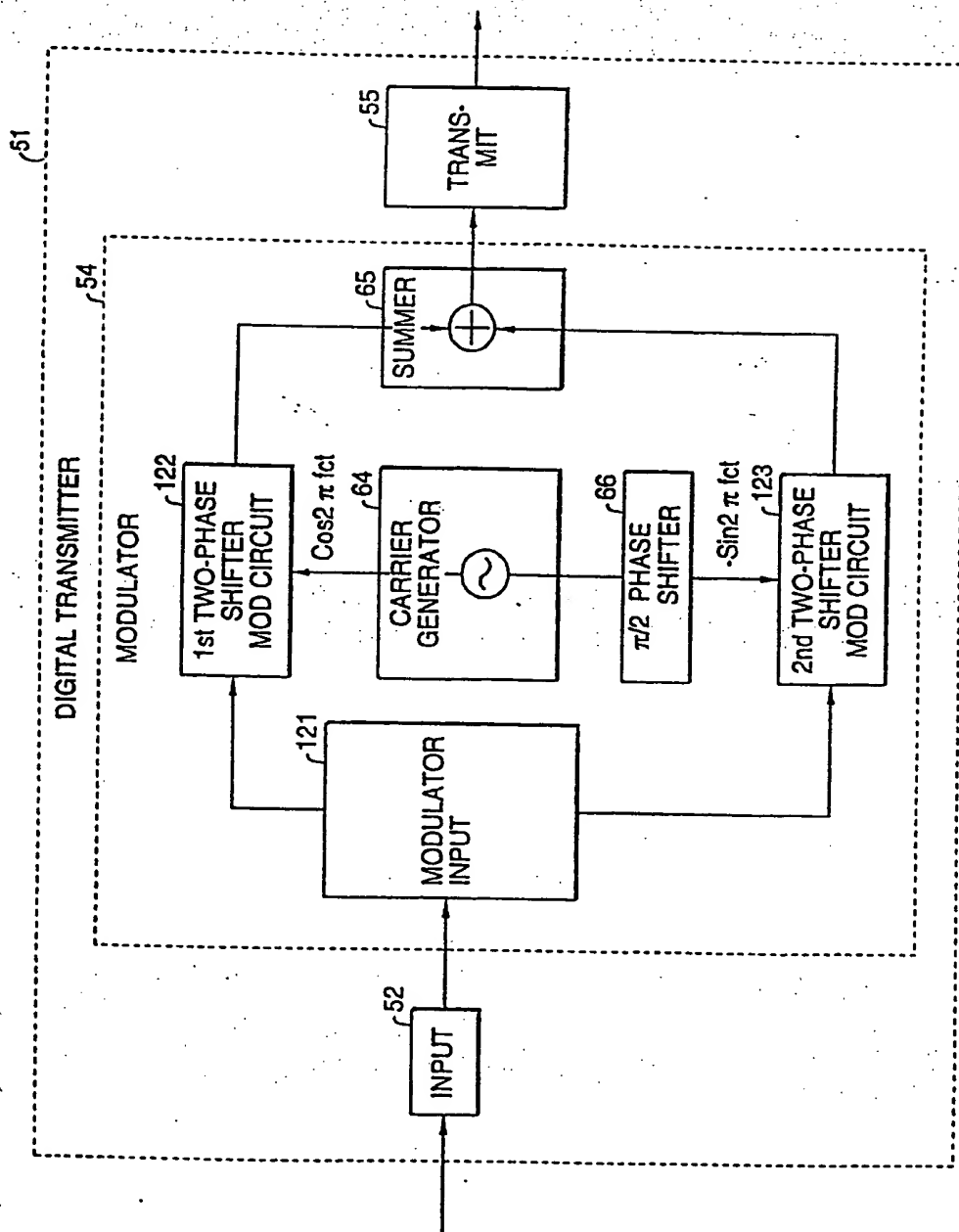


FIG. 29 (Amended)

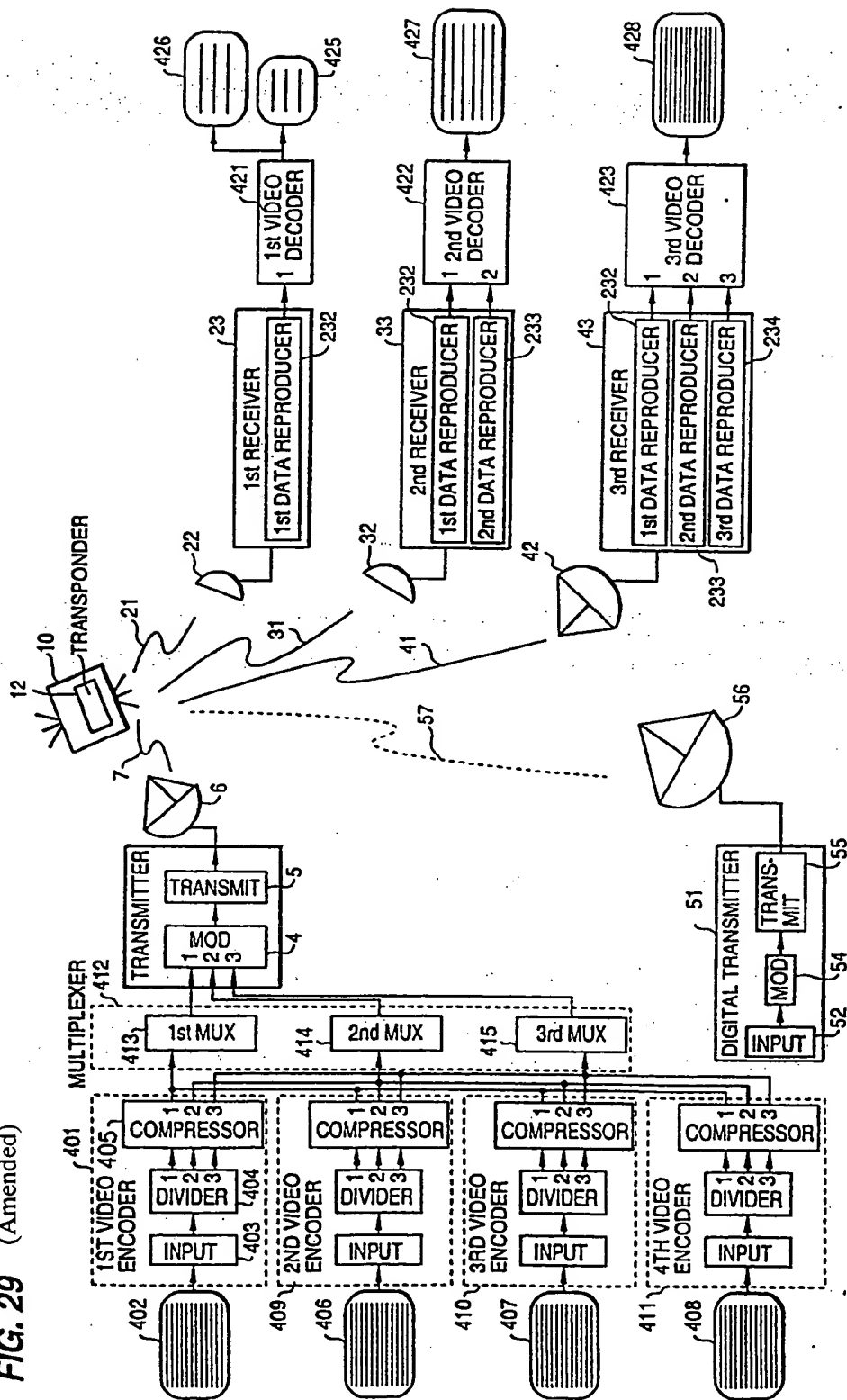
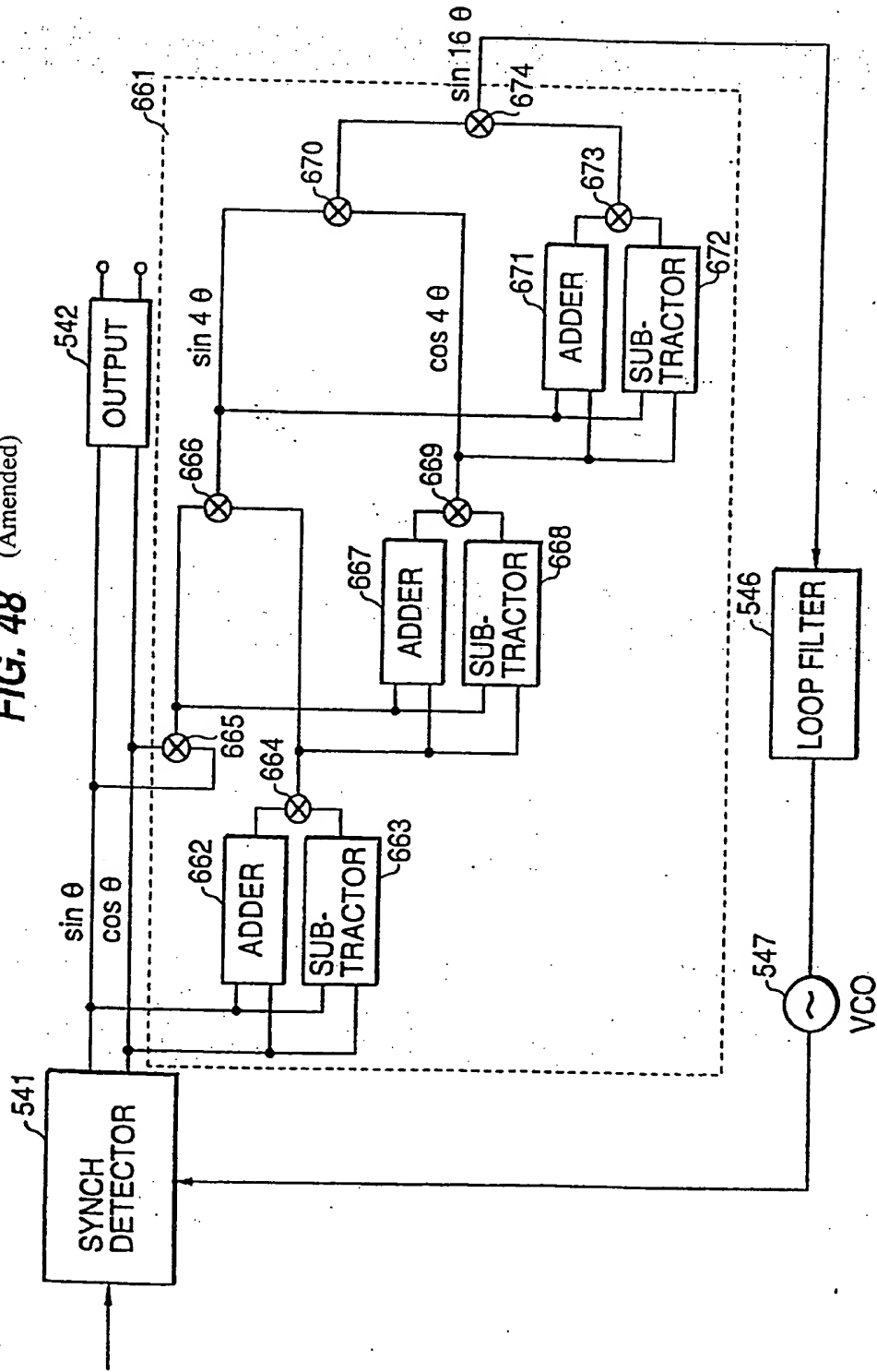
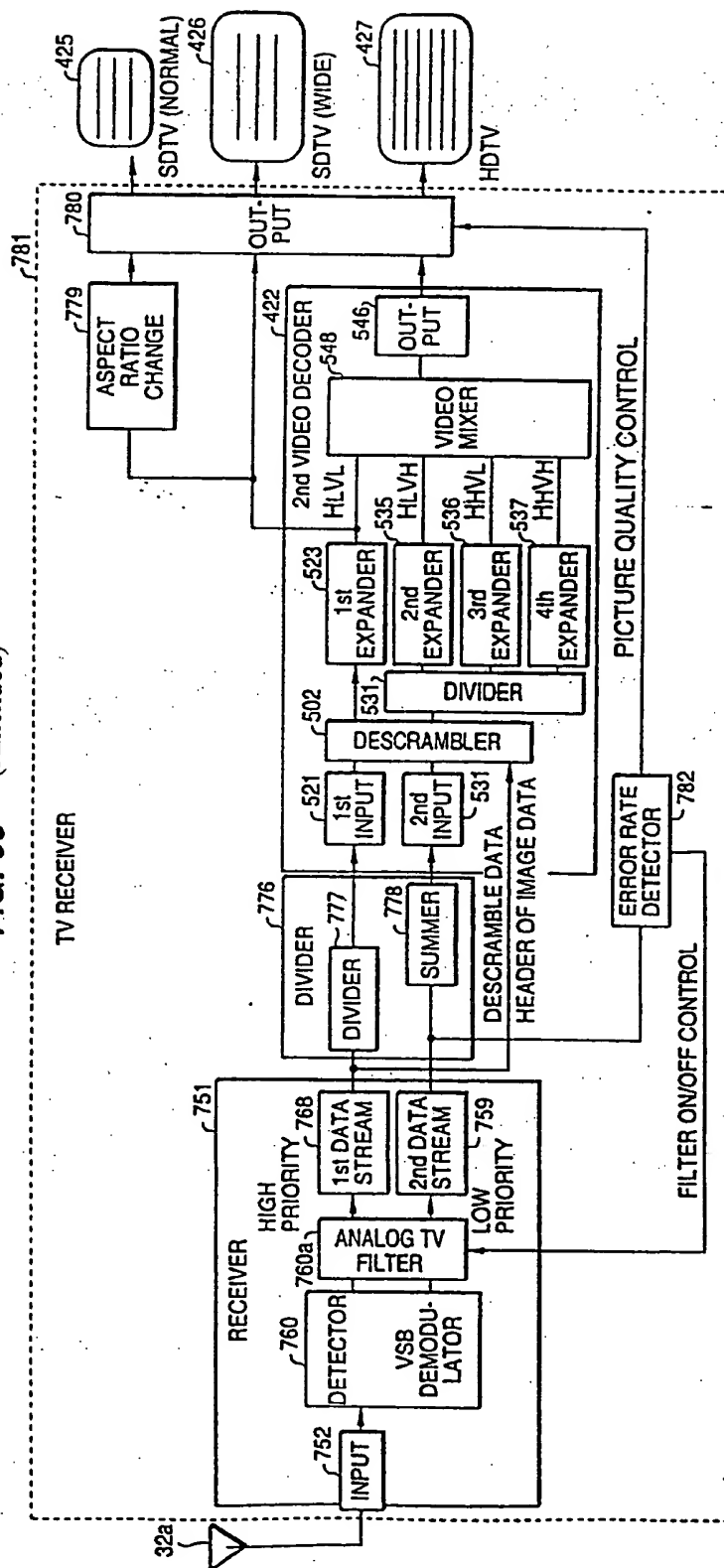


FIG. 48 (Amended)





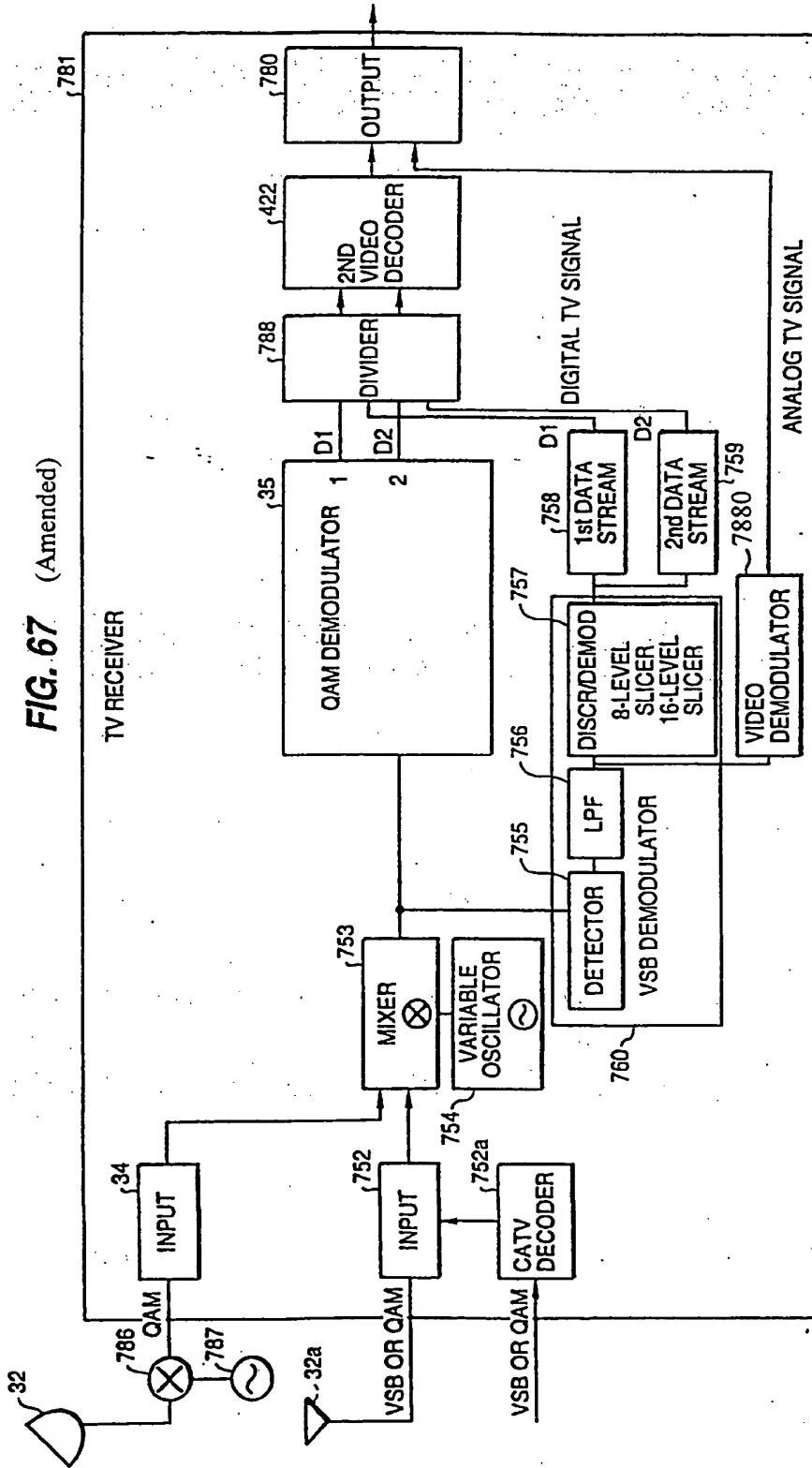




FIG. 93 (Amended)

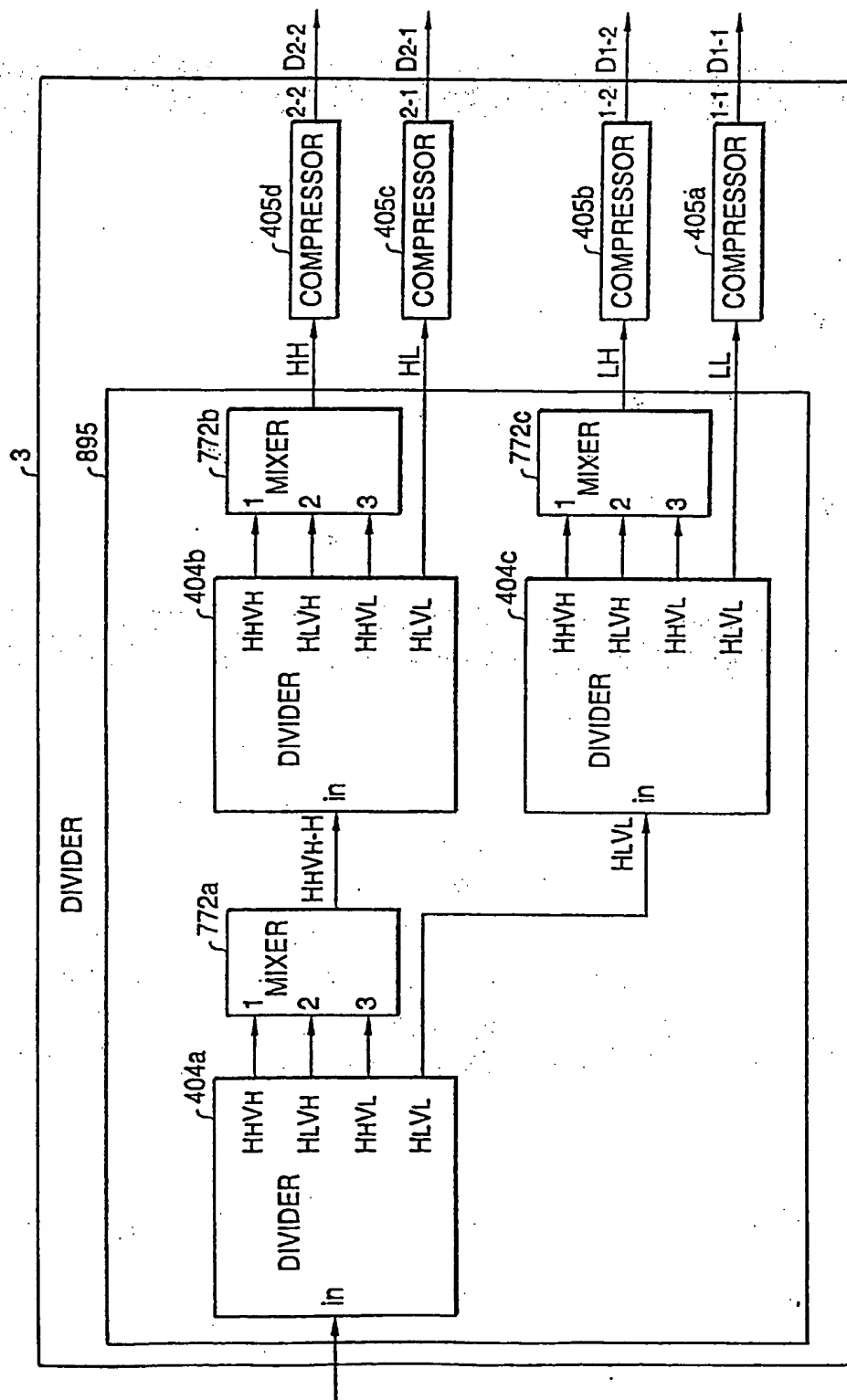
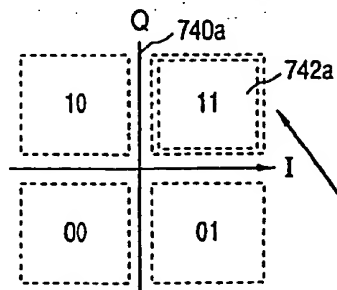


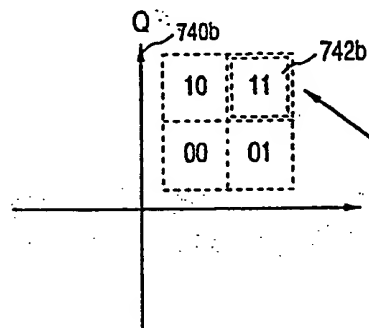


FIG. 112 (Amended)

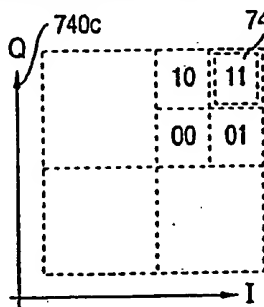
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



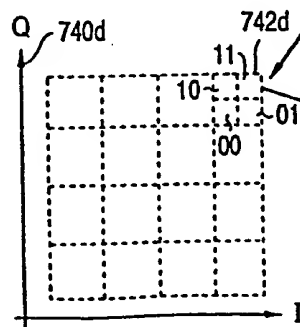
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)



CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4

741a 11 2bit
741b 11 2bit

741c 11 2bit

741d 11 2bit

8bit

SIGNAL POINT
CODE WORD
11 11 11 11

741

FIG. 131 (Amended)

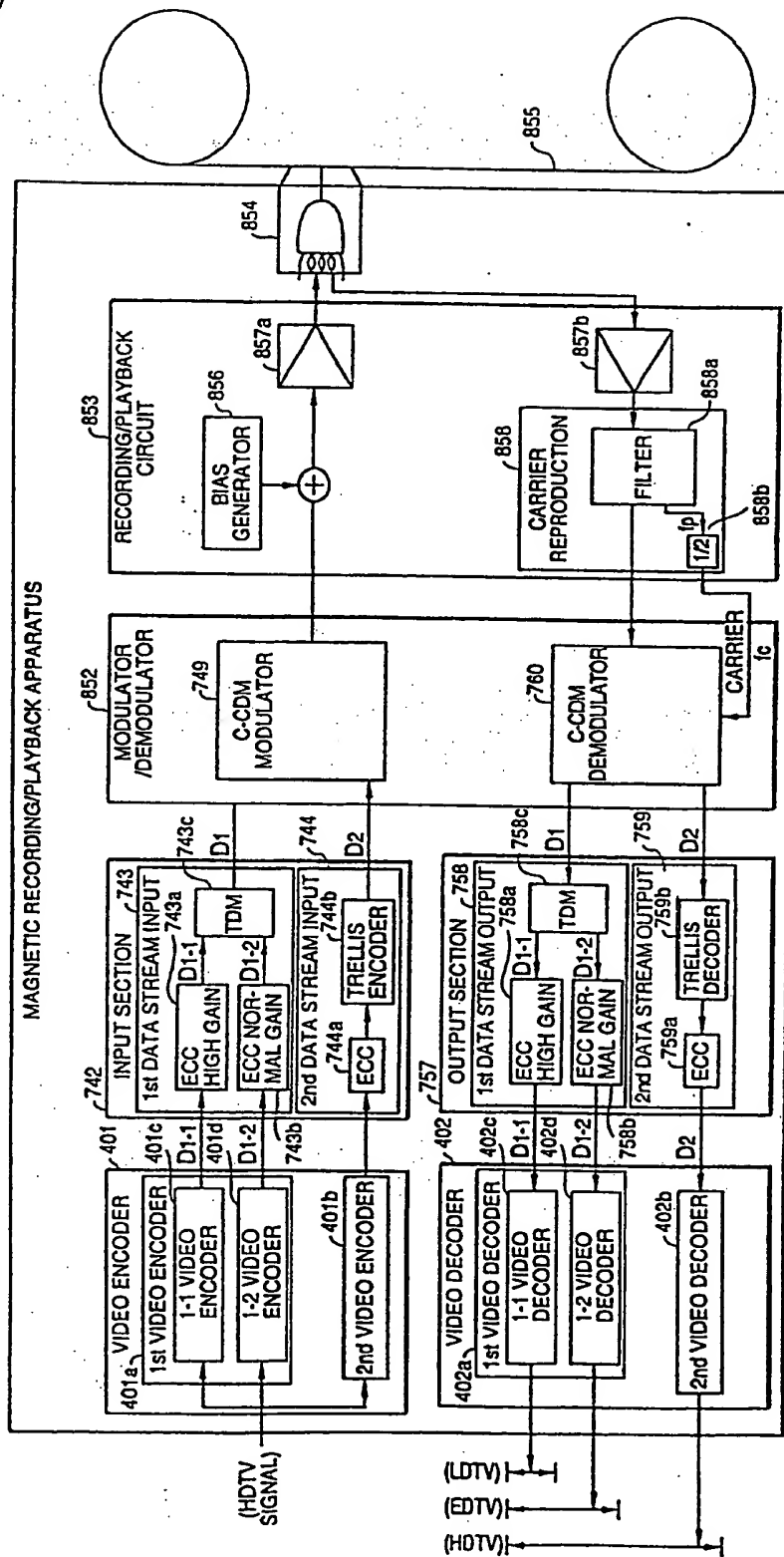


FIG. 138 (Amended)

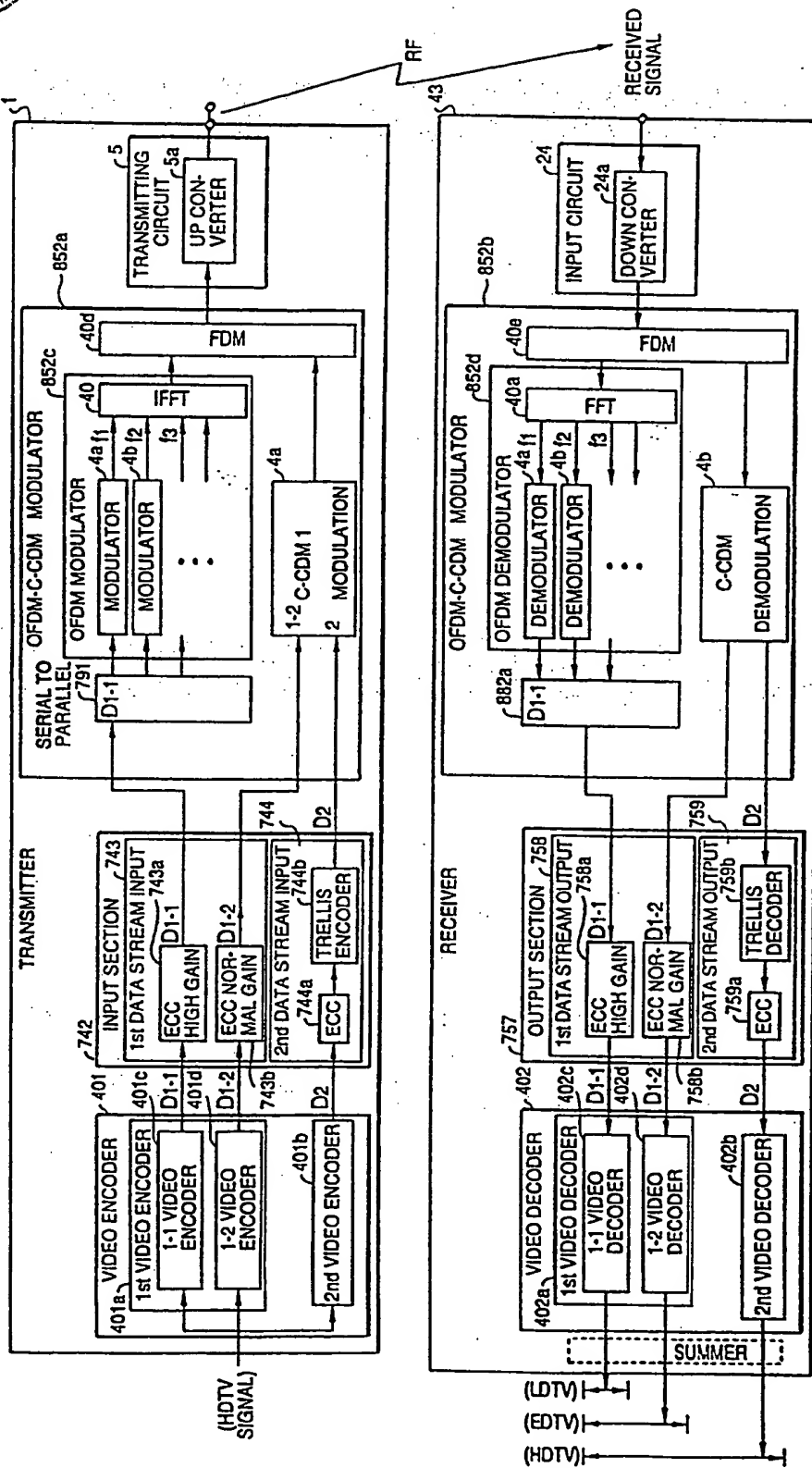


FIG. 144 (Amended)

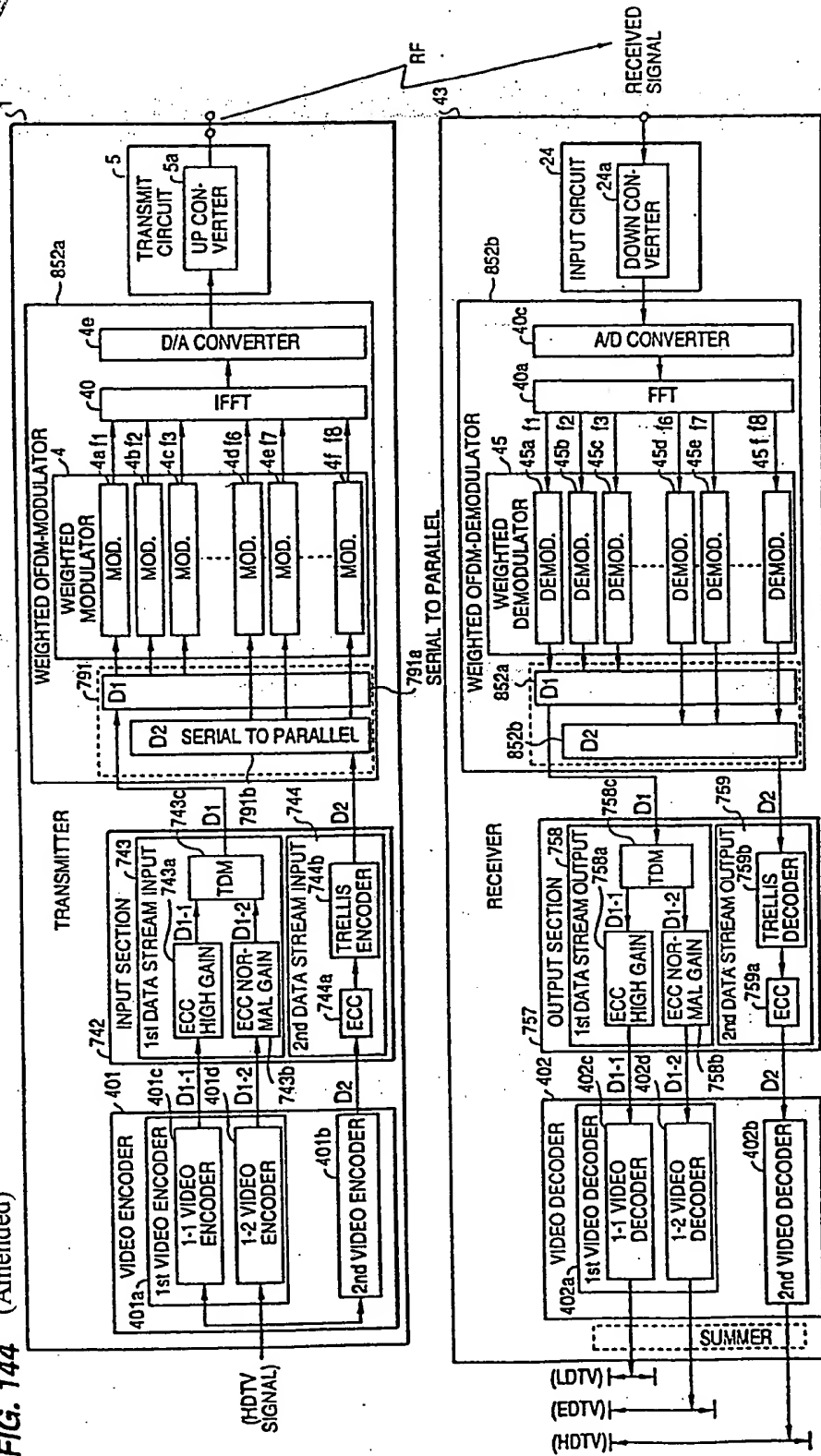




FIG. 169 (Amended)

COMPARISON OF REDUNDANCY

